

Application Number: 10/666,962

AMENDMENTS TO THE CLAIMS:

Please amend the claims with the ones provided in the listing below wherein status, amendments and cancellations are indicated.

1. **(Currently Amended)** A heat sink element coupling structure (2), its single heat sink element plate comprised of an L-shaped plate having ~~an~~ a horizontal fold formed along one lateral edge or ~~an~~ a horizontally oriented U-shaped plate having ~~an~~ horizontal folds formed along two lateral edges, including a minimum of one or more coupling structures disposed on the upper and lower or left and right ~~two~~ sides or a certain position at the center portion of said plates, the features of which are:

said coupling structure consists consisting of:

a "~~┐~~" or a "~~┌~~" shaped an ascending-stepped or a descending-stepped horizontal offset formed on the lateral edge of said plates;

an inverted U-shaped or a U-shaped ~~appendages~~ appendage situated at the anterior section of said ascending-stepped or said descending-stepped horizontal offsets offset;

one or two wing-shaped lock tabs formed at the two sides or either the left or the right side of said inverted U-shaped or said U-shaped ~~appendages~~ appendage;

when interconnected, one or two said wing-shaped lock tabs of each said coupling structure at the two sides of one heat sink unit (element) are fitted onto said "~~┐~~" or "~~┌~~" shaped ascending-stepped or descending-stepped horizontal offsets of the next correspondingly situated said heat sink unit (element) such that the one or two said wing-shaped lock tabs on said front heat sink unit (element) becomes engaged onto the lateral edge of the

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adjacent other said heat sink unit (element) at fixed horizontal distances and positions.

2. ~~(Canceled)~~ A heat sink element coupling structure (2), its single heat sink element plate comprised of an ~~I-shaped plate~~ having an horizontal fold formed along one lateral edge or a horizontally oriented U-shaped plate having an horizontal fold formed along two lateral edges, including a minimum of one or more coupling structures disposed on the upper and lower or left and right two sides or a certain position at the center portion of said plates, the features of which are:

~~said coupling structure consists of:~~

~~a "┐" or a "└" shaped horizontal offset formed on two lateral edges of said plates;~~

~~one or two cutaways at the two sides or either the left or the right side of said horizontal offsets, and a downward or upward lock tab at the two sides or the either left or right of the anterior section of said horizontal offsets;~~

~~when interconnected, one or two said lock tabs of each said coupling structure on one heat sink unit (element) are fitted onto said horizontal offsets of the next correspondingly situated said heat sink unit (element) such that the one or two said lock tabs of said coupling structure on said front heat sink unit (element) become engaged onto the upper and lateral said horizontal offsets and or said cutaway at the two sides of the adjacent other said heat sink unit (element) at fixed horizontal distances and positions.~~

3. **(Currently Amended)** As mentioned in Claim 1 of the heat sink element coupling structure (2) invention herein, the features include: wherein each

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said wing-shaped lock tab has a vertical lock edge disposed downward or upward on its rear side.

4. **(Currently Amended)** As mentioned in Claim 1 of the heat sink element coupling structure (2) ~~invention herein, the features include:~~, wherein the anterior section of each said "┐" or "└" shaped ascending-stepped or descending-stepped horizontal offset does not have to be folded into said inverted U-shaped or U-shaped ~~appendages~~ appendage, and a vertical lock tab is folded downward or upward at the rear sides of ~~the two~~ said wing-shaped lock tabs.
5. **(Currently Amended)** As mentioned in Claim 1, Claim 3, and Claim 4 of the heat sink element coupling structure (2) ~~invention herein, wherein~~ each said coupling structure only has a single said wing-shaped lock tab at the anterior half sections of its said "┐" or "└" shaped ascending-stepped or descending-stepped horizontal offsets.
6. **(Currently Amended)** As mentioned in Claim 5 of the heat sink element coupling structure (2) ~~invention herein, wherein~~ a said cutaway is disposed between said ascending-stepped or descending-stepped horizontal offset having a of an inner side single said wing-shaped lock tab at the inner side thereof and said L-shaped or horizontally oriented U-shaped plates; disposed between said horizontal offset having a of an outer side single said wing-shaped lock tab at the outer side thereof and ~~the said L-shaped or horizontally oriented U-shaped plates~~ the said horizontal fold formed along said L-shaped or horizontally oriented U-shaped plates horizontally folded

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~~planar member~~ is a locating notch.

7. (Original) As mentioned in Claim 1 and Claim 3 of the heat sink element coupling structure (2) invention herein, said L-shaped plate lacks a said horizontal fold and has a minimum of one narrow horizontal fold disposed at a position near a said coupling structure.

8. (Currently Amended) ~~As mentioned in Claim 2 of the~~ The heat sink element coupling structure (2) ~~of Claim 1 invention herein, wherein the~~ posterior half sections of said upper "┐" or the upper "┌" shaped ascending-stepped or descending-stepped horizontal offsets ~~includes include~~ first disposing two said locating notches, or two said cutaways, or downward and upward indentations on their upper and lower said horizontal folds and then forming the ~~upper and the lower~~ said ascending-stepped or descending-stepped horizontal offsets.

9. (Cancelled) ~~As mentioned in Claim 2 of the heat sink element coupling structure (2) invention herein, said coupling structure horizontal offsets includes direct situating on the upper edge of said L-shaped plate.~~

10. (Currently Amended) As mentioned in Claim 1 and ~~Claim 2~~ of the heat sink element coupling structure (2) ~~invention herein~~, said L-shaped plate or said horizontally oriented U-shaped plate ~~;~~ have has a plurality of holes.